- Milliam .



MISSISSIPPI STATE DEPARTMENT OF HEALTH

BUREAU OF PUBLIC WATER SUPPLY

CALENDAR YEAR 2010 CONSUMER CONFIDENCE REPORT CERTIFICATION FORM

ACL Water Association, Inc.

Public Water Supply Name

	#0610001 and #061004	1
	List PWS ID #s for all Water System	s Covered by this CCR
The Formula The Confidence of	Federal Safe Drinking Water Act requires each <i>community</i> published report (CCR) to its customers each year. Depending on the be mailed to the customers, published in a newspaper of local circ	olic water system to develop and distribute a consumer a population served by the public water system, this CCR ulation, or provided to the customers upon request.
	e Answer the Following Questions Regarding the Consumer Co	
(3 K)	Customers were informed of availability of CCR by: (Attach co	opy of publication, water bill or other)
	 □ Advertisement in local paper ☑ On water bills □ Other 	
	Date customers were informed: 5 / 26 / 2011	
	CCR was distributed by mail or other direct delivery. Sp	pecify other direct delivery methods:
	Date Mailed/Distributed:/_/_	·
[X	CCR was published in local newspaper. (Attach copy of publish	ned CCR or proof of publication)
	Name of Newspaper: Rankin County News	
	Date Published: <u>5 //9 / 20/</u> 1	
X	CCR was posted in public places. (Attach list of locations)	
	Date Posted: 5//0/20/1	
	CCR was posted on a publicly accessible internet site at the addr	ess: www
	IFICATION	
consister	y certify that a consumer confidence report (CCR) has been disting and manner identified above. I further certify that the information with the water quality monitoring data provided to the punent of Health, Bureau of Public Water Supply.	
Olen Name/T	Title (President, Mayor, Owner, etc.)	S/ <u>26///</u> Date
	Mail Completed Form to: Bureau of Public Water Supp Phone: 601-576-75	ly/P.O. Box 1700/Jackson, MS 39215 18

2011 MAY 10 AM 1:17

2010 Annual Drinking Water Quality Report ACL Water Association PWS#: 0610001 & 0610041 May 2011

We're pleased to present to you this year's Annual Quality Water Report. This report is designed to inform you about the quality water and services we deliver to you every day. Our constant goal is to provide you with a safe and dependable supply of drinking water. We want you to understand the efforts we make to continually improve the water treatment process and protect our water resources. We are committed to ensuring the quality of your water. Our water source is from wells drawing from the Sparta Sand Aquifer.

The source water assessment has been completed for our public water system to determine the overall susceptibility of its drinking water supply to identified potential sources of contamination. The general susceptibility rankings assigned to each well of this system are provided immediately below. A report containing detailed information on how the susceptibility determinations were made has been furnished to our public water system and is available for viewing upon request. The wells for the ACL Water Association have received a lower to moderate susceptibility rankings to contamination.

If you have any questions about this report or concerning your water utility, please contact Perry Overby, Certified Operator, at 601-546-2322. We want our valued customers to be informed about their water utility. If you want to learn more, please attend any of our regularly scheduled meetings. They are held on the second Thursday of even months at 7:00 PM at the ACL Water Office located at 1182 HWY 43 South, Pelahatchie, MS.

We routinely monitor for constituents in your drinking water according to Federal and State laws. This table below lists all of the drinking water contaminants that we detected during for the period of January 1st to December 31st, 2010. In cases where monitoring wasn't required in 2010, the table reflects the most recent results. As water travels over the surface of land or underground, it dissolves naturally occurring minerals and, in some cases, radioactive materials and can pick up substances or contaminants from the presence of animals or from human activity; microbial contaminants, such as viruses and bacteria, that may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife: inorganic contaminants, such as salts and metals, which can be naturally occurring or result from urban storm-water runoff, industrial, or domestic wastewater discharges, oil and gas production, mining, or farming; pesticides and herbicides, which may come from a variety of sources such as agriculture, urban storm-water runoff, and residential uses; organic chemical contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations and septic systems; radioactive contaminants, which can be naturally occurring or be the result of oil and gas production and mining activities. In order to ensure that tap water is safe to drink, EPA prescribes regulations that limit the amount of certain contaminants in water provided by public water systems. All drinking water, including bottled drinking water, may be reasonably expected to contain at least small amounts of some constituents. It's important to remember that the presence of these constituents does not necessarily indicate that the water poses a health risk.

In this table you will find many terms and abbreviations you might not be familiar with. To help you better understand these terms we've provided the following definitions:

Action Level - the concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

Maximum Contaminant Level (MCL) - The "Maximum Allowed" (MCL) is the highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

Maximum Contaminant Level Goal (MCLG) - The "Goal" (MCLG) is the level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

Maximum Residual Disinfectant Level (MRDL) – The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control microbial contaminants.

Maximum Residual Disinfectant Level Goal (MRDLG) – The level of a drinking water disinfectant below which there is no known or expected risk of health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.

Parts per million (ppm) or Milligrams per liter (mg/l) - one part per million corresponds to one minute in two years or a single penny in \$10,000.

Parts per billion (ppb) or Micrograms per liter - one part per billion corresponds to one minute in 2,000 years, or a single penny in \$10,000,000.

PWS ID#:	<u>001000</u>	<u> </u>		EST RES	ULI	<u>S</u>				
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Dete # of Samp Exceedin MCL/AC	les ig	Unit Measure -ment	MCLG	MC	L	Likely Source of Contamination
Inorganic (Contan	ninants								
10. Barium	N	2010	.002	.001002		ppm	2		2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
13. Chromium	N	2010	1	.9 - 1		ppb	100	1	00	Discharge from steel and pulp mills; erosion of natural deposits
14. Copper	N	2008*	.2	0		ppm	1.3	AL≔	1.3	Corrosion of household plumbin systems; erosion of natural deposits; leaching from wood preservatives
16. Fluoride	N	2010	.115	.112115		ppm	4		4	Erosion of natural deposits; wate additive which promotes strong teeth; discharge from fertilizer and aluminum factories
17. Lead	N	2008*	1	0		ppb	0	AL=	:15	Corrosion of household plumbin systems, erosion of natural deposits
Disinfection	n By-Pi	roducts								
31. HAA5	N	2008*	7 1	lo Range	ppb		0	60		-Product of drinking water sinfection.
22. TTHM Total rihalomethanes]	N	2008*	13.34	lo Range	ppb	_	0	80		-product of drinking water lorination.
Chlorine	N	2010 .	74 .	80 – 1.68	ppm		0 MC	RL = 4		ater additive used to control crobes

Contaminant	Violation	Date	Level	Range of Detects o	Unit	MCLG	MCL	Likely Source of Contamination
Contaminant	Y/N Y/N	Collected	Detected	# of Samples Exceeding MCL/ACL	Measure -ment	MCLG	IVICL	Likely Source of Contamination
Inorganic (Contam	inants						
10. Barium	N	2010	.002	No Range	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
13. Chromium	N	2010	1.2	.5 – 1.2	ppb	100	100	Discharge from steel and pulp mills; erosion of natural deposits
14. Copper	N	2008*	.5	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
16. Fluoride	N	2010	.13	No Range	ppm	4	4	Erosion of natural deposits; wate additive which promotes strong teeth; discharge from fertilizer and aluminum factories
17. Lead	N	2008*	2	0	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits
Disinfection	n By-Pr	oducts						
82. TTHM [Total trihalomethanes]	N 2	2010 2	2.97 N	o Range ppt		0		product of drinking water prination.
Chlorine	N 2	2010 .	75 .5	56 – 2.2 ppr	n	0 MDI		Vater additive used to control

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* Most recent sample. No sample required for 2010.

As you can see by the table, our system had no contaminate violations. We're proud that your drinking water meets or exceeds all Federal and State requirements. We have learned through our monitoring and testing that some constituents have been detected however the EPA has determined that your water IS SAFE at these levels.

We are required to monitor your drinking water for specific constituents on a monthly basis. Results of regular monitoring are an indicator of whether or not our drinking water meets health standards. We did complete the monitoring requirements for bacteriological sampling that showed no coliform present. In an effort to ensure systems complete all monitoring requirements, MSDH now notifies systems of any missing samples prior to the end of the compliance period.

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. Our Water Association is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at http://www.epa.gov/safewater/lead.

All sources of drinking water are subject to potential contamination by substances that are naturally occurring or man made. These substances can be microbes, inorganic or organic chemicals and radioactive substances. All drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that the water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline at 1-800-426-4791.

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by cryptosporidium and other microbiological contaminants are available from the Safe Drinking Water Hotline 1-800-426-4791.

The ACL Water Association works around the clock to provide top quality water to every tap. We ask that all our customers help us protect our water sources, which are the heart of our community, our way of life and our children's future.



PROOF OF PUBLICATION

RANKIN COUNTY NEWS • P.O. BOX 107 • BRANDON, MS 39043

STATE OF MISSISSIPPI COUNTY OF RANKIN THIS 19TH DAY OF MAY, 2011, personally came

31	pay or ma	angress pro						
Ü	610001	43.3	T	EST RESULT			400	
	Violation Y/N	Data Conocted	Level Detected	Hango of Detects or # of Samples Exceeding MCL/ACL	Unit Massure -cnerk	MCLG	MCL	Likely Source of Contamination
C	ontam	inauts					50 (1984) States	
	N	2010	.002	.001002	Pone	2	2	Discharge of draing wastes; discharge from metal refrience; prosion of natural deposits
1	N	2010	1	.9-1	ppb	160	100	Discharge from steet and pulp mile; erction of natural deposits
-	N	2006"	2	o .	ppen	13	AL+1.3	Compsion of household plambing systems; encision of national deposits; leaching from wood prezentatives
	-			445 444	500		1	Frenches of earliered decoasts: worker

1	1			1000	S80 C	ef 9 (an)	deposits
n By-I	roducts						
ir i	2005	7	No Range	cop	0	60	By-Product of draising water sharefaction
N	2008	13.54	No Range	bbp	0	eo	By-product of disnaing water chlorination.
N	3010	.74	.60 - 1.65	bbw	G	MZRL = 4	Water additive used to postrol microbes

	Victorion YAN	Date Collectors	Level Datected	Range of Delects or # of Samples Exceeding MCL/ACL	Mossure -ment	INCLG	NCT.	Likely Source of Contamination
c	ontam	inants			ally.		COV.	
_	N	2010	.002	No Renge	P\$#R	2	2	Discharge of criting wastes; discharge from metal refineries; erosson of natural deposits
***	N	2010	12	.5 - 1.2	ppo	100	100	Discharge from steel and pulp mile: erosion of natural deposits
~-	N	2008*	.5	0	ppm	1.3	AL=1.5	Corresion of household plumbing systems; erosion of natural deposits; leaching from wood presemptions
-	li .	2010	.13	No Range	ppm	•	5.059	Erosion of natural deposits; water additive which promotes along tooth; oscharge from femitter and aluminum factories.
	N	2006*	27.5	6 (8)	pp¢ :	. 0	A).+15	Corrosion of household plumbing systems, erosion of natural deposits
10	By-Pı	oducts	400					
1	N	2010 . 2	. P	s Sunge pp4		0		reduct of croking with: (nation
1	11	2010	6 4	0-22 160	9	0 100	RL = 4 Y	fatur adding used to corpret

arcus Bowers, publisher of the Rankin County News, a weekly newspaper printed and published in the City of Brandon, in the County of Kankin and State aforesaid, before the underesigned officer in and for said County and State, who being duly sworn, deposes and says that said newspaper has been published for more than 12 months prior to the first publication of the attached notice and is qualified under Chapter 13-3-31, Laws of Mississippi, 1936, and laws supplementary and amendatory thereto, and that a certain

2010 ANNUAL DRINKING WATER QUALITY REPORT

ACL WATER ASSOCIATION, INC.
a copy of which is hereto attached, was published in said newspaper One (1) week, as follows, to-wit:

Vol 163 No. 43 on the 18th day of May, 2011

Marcus Bowers
MARCUS BOWERS, Publisher

Sworn to and subscribed before me by the aforementioned Marcus Bowers this 19th day of May, 2011

FRANCES CONGEN My Commission Expires: January 25, 2014

3 column by 16.5 inch ad at \$6.50 per column inch......

OF MISSISS



PWS ID#:	061000)1	ា	EST RESI	JLTS			
Contaminant	Viciation Y/N	Date Collected	Level Detected	Range of Detec # of Sample Exceeding MCL/ACL	Messure	MCLG	MCL	Likely Source of Consamination
Inorganic	Contan	ainants		2-2-75-9 3-4-6-9-1				
10. Barken	H	2010	002	,001002	ppre	3		Dacharge of dribing repairs; discharge from metal refineries erosion of natural deposits
13. Chromium	N	2010	1	9.1	99b	100	100	Discharge from steel and pulp mile: enusion of natural deposit
14. Copper	N	2006*	2	•	ppm	1.3	AL=1,3	Corpsion of household plumbir systems; existion of natural deposits; leaching from wood passervaines.
16. Flusnde	N	2010	.115	.112115	pen	•		Eroxion of natural deposits; was addition which promotes alrung soon; decharge from fartitizer and aluminum factories.
17. Lepi	н	2005*	1	0	ppb	0	AL=16	Corresion of household plumbin systems, expelon of natural deposits
Disinfectio	n By-P	roducts						
61.HAA5	H	2006" 7	3 N	o Reoge	990	9	60 B	y-Product of dreating water
2. TTHM Total (Nakuralhanes)	N	2008. 1	3.34 N	o Renge	pşib	•	80 B	Approduct of printing water Northelan
Stoppe	H	2010 .	4 2	0~1.68	opm .	0 MOR		fator additive used to povinol-

Contaminant	-4	·		1	TS	2007/20	,	
Contentions	Violation	Date Colocted	Level Dotected	Range of Detects # of Samples Exceeding MCUACL	White Measure - change	HCLG	MCL	Likely Source of Contemination
luorganic	Contam	inants						
10. Darkers	H	2010	.002	No Range	porn	2		Discharge of draining wastes: discharge from metal refineries; erosson of natural decosts.
13. Croomium	N	2010	12	4-12	Pero .	100	- 10	Discharge from steel and pulp mile erosion of natural decosits
14. Copper	"	2008*	.5		ppm	13	AL*1.	Corresion of household plumbing systems; excelor of natural deposits; leaching from wood preservatives
16. Pluorida	N.	2010	.13	No Range	ppm			Erosion of natural deposits; water additive which promotes strong spots, discharge from landage; and exeminate sections.
17. Load	14	2006*	2	0	99th	0	ALet	Corrosion of hoosehold plumbing systems, errosion of natural deposits
Disinfectio	в Ву-Рг	oducts						
12: TTHM Total (histomethanes)	M	2.	97 14	Range pp		0	80 By (51)	product of printing water printing.
Cracese	N Z	010 7	5 8	-2.2 PP		O MOI	1 4 4 1 1	Valor additive used to porgo!

has been published for more than 12 months prior to the first publication of the attached notice and is qualified under Chap-ter 13-3-31. Laws of Mississippi, 1936, and laws supplemen-tary and amendatory thereto, and that a certain

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Marcus Bowers
MARCUS BOWERS, Publisher

Sworn to and subscribed before me by the aforementioned Marcus Bowers this <u>19th</u> day of May, 2011

FRANCES CONGEN My Commission Expires: January 25, 2014

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3 column by 16.5 inch ad at \$6.50 per column inch.......



ACL Water Association 1182 Highway 43 South Pelahatchie, MS 39145 (601)546-2322

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